

FIG. 1

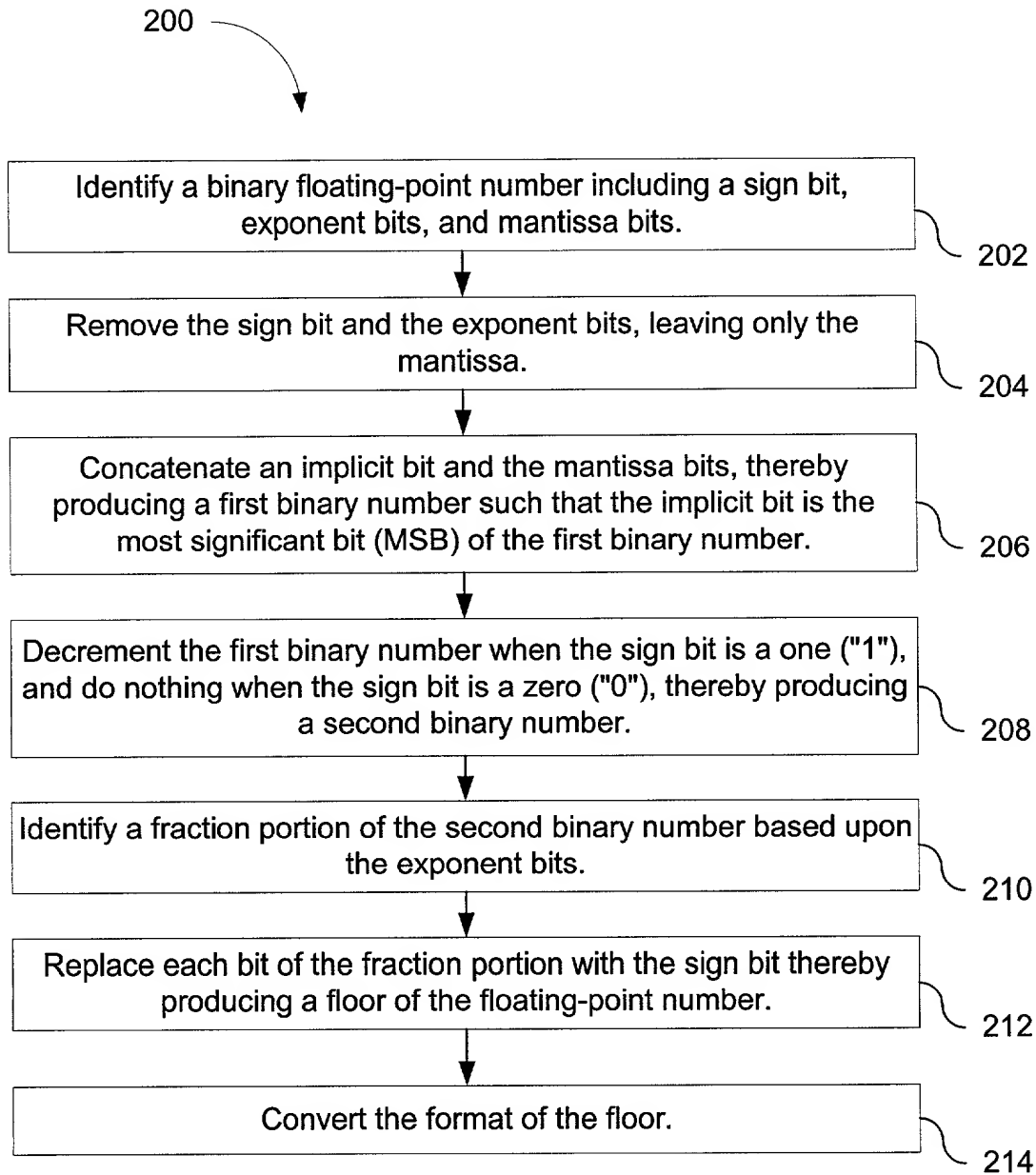


FIG. 2

300

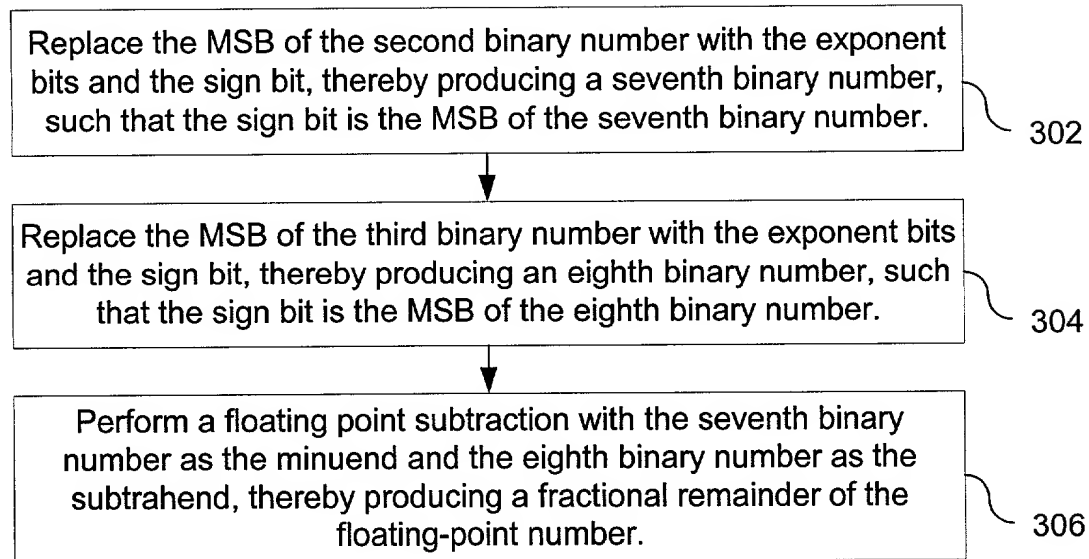


FIG. 3

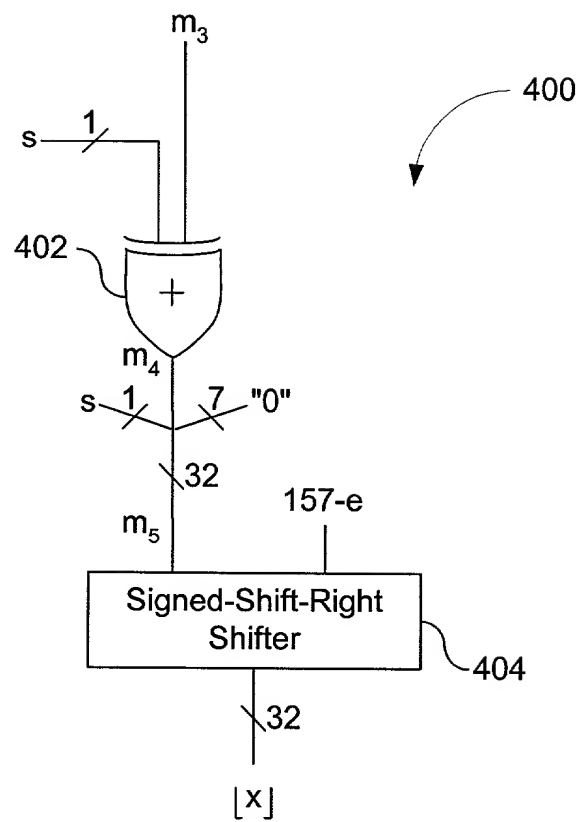


FIG. 4

500

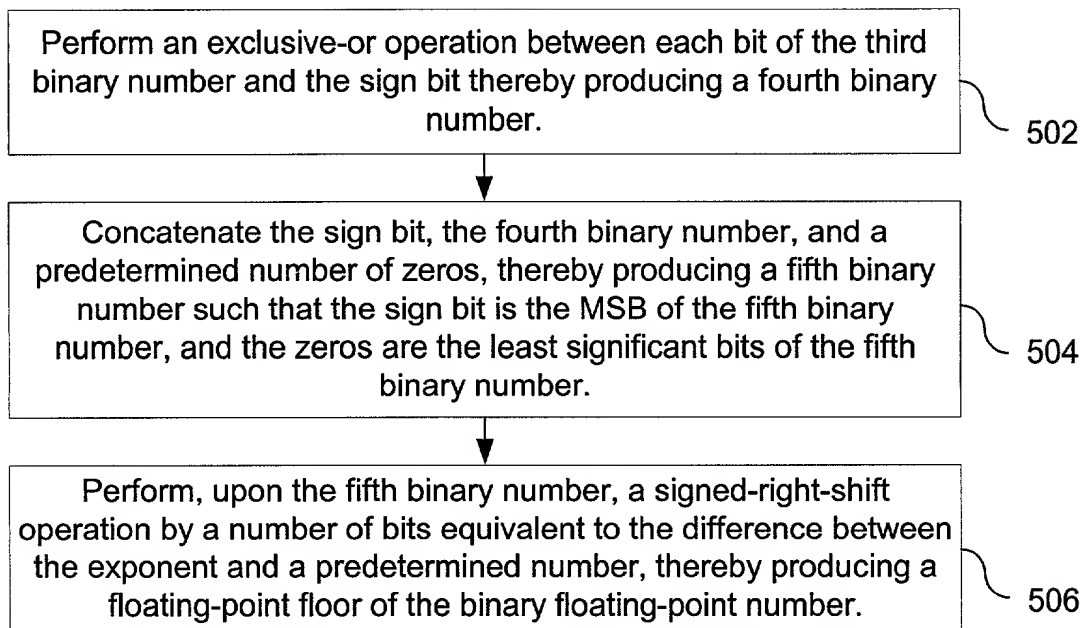


FIG. 5

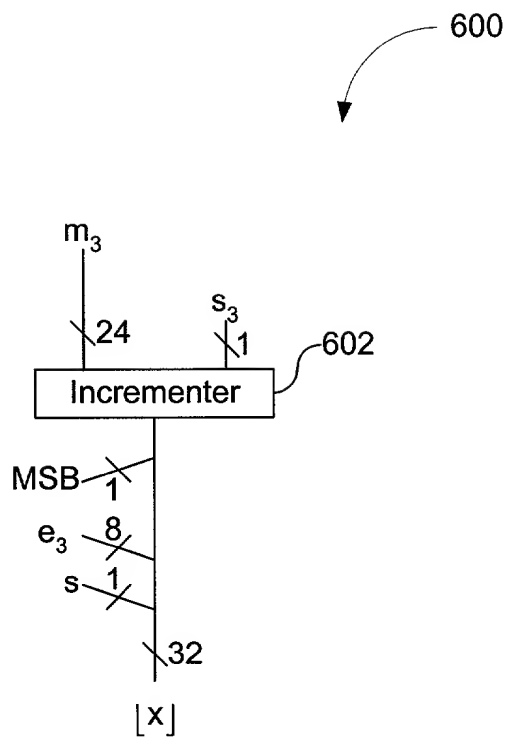




FIG. 6

700



Increment the third binary number when the binary floating-point number is negative, and doing nothing otherwise, thereby producing an incremented value.

702



Replace the most-significant bit (MSB) of the incremented value with the exponent bits and the sign bit, such that the sign bit is the MSB, thereby producing a floor of the binary floating-point number in floating-point format.

704

FIG. 7